

SEARCH REQUEST FORM

Access DB# _____

Scientific and Technical Information Center

Requester's Full Name: _____ Examiner #: _____ Date: _____
 Art Unit: _____ Phone Number 30 _____ Serial Number: _____
 Mail Box and Bldg/Room Location: _____ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____
 Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

BEST AVAILABLE COPY

STAFF USE ONLY

Type of Search		Vendors and cost where applicable
Searcher: <u>Beverly C4994</u>	NA Sequence (#) _____	STN <input checked="" type="checkbox"/> _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: <u>12-04-02</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>3</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>26</u>	Other _____	Other (specify) <u>CGN</u>

81022

From: Lacourciere, Karen
Sent: Monday, November 25, 2002 11:37 AM
T: STIC-Biotech/ChemLib
Subject: sequence search request 09/848,868

Please perform a length limited search of SEQ ID NO:35 for 09/848,868, with the length limited to less than 50 nucleotides.
Thank-you!

Karen A. Lacourciere Ph.D.
CM1 11D09 GAU 1635
(703) 308-7523
Mailbox CM1 11E12

Point of Contact:
Beverly Shears
Technical Info. Specialist
CM1 1E05 Tel: 308-4994

CRFE

Searcher: _____
Phone: _____
Location: _____
Date Picked Up: _____
Date Completed: _____
Searcher Prep/Review: _____
Clerical: _____
Online time: _____

TYPE OF SEARCH:
NA Sequences: _____
AA Sequences: _____
Structures: _____
Bibliographic: _____
Litigation: _____
Full text: _____
Patent Family: _____
Other: _____

VENDOR/COST (where applic.)
STN: _____
DIALOG: _____
Questel/Orbit: _____
DRLink: _____
Lexis/Nexis: _____
Sequence Sys.: _____
WWW/Internet: _____
Other (specify): _____

09/848868

FILE 'REGISTRY' ENTERED AT 11:30:26 ON 04 DEC 2002

L1 12 S CCCGGAAGGCAGTCTGGC/SQSN
L2 4 S L1 AND SQL=<50

L2 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2002 ACS
RN 391477-90-0 REGISTRY
CN GenBank AX298040 (9CI) (CA INDEX NAME)
CI MAN
SQL 36

SEQ 1 tcctccatgg cagtgacccg gaaggcagtc tggctg
=====

HITS AT: 17-34

RELATED SEQUENCES AVAILABLE WITH SEQLINK

L2 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2002 ACS
RN 391477-89-7 REGISTRY
CN GenBank AX298039 (9CI) (CA INDEX NAME)
CI MAN
SQL 18

SEQ 1 cccggaaggc agtctggc
=====

HITS AT: 1-18

RELATED SEQUENCES AVAILABLE WITH SEQLINK

L2 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2002 ACS
RN 372134-29-7 REGISTRY
CN DNA, d(T-C-C-T-C-C-A-T-G-G-C-A-G-T-G-A-C-C-C-G-G-A-A-G-G-C-A-G-T-C-T-
G-G-C-T-G) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 30: PN: WO0183740 SEQID: 36 claimed DNA
CI MAN
SQL 36

SEQ 1 tcctccatgg cagtgacccg gaaggcagtc tggctg
=====

HITS AT: 17-34

RELATED SEQUENCES AVAILABLE WITH SEQLINK

REFERENCE 1: 135:353717

L2 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2002 ACS
RN 372134-28-6 REGISTRY
CN DNA, d(C-C-C-G-G-A-A-G-G-C-A-G-T-C-T-G-G-C) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 29: PN: WO0183740 SEQID: 35 claimed DNA
CI MAN
SQL 18

SEQ 1 cccggaaggc agtctggc
=====

HITS AT: 1-18

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Searcher : Shears 308-4994

REFERENCE 1: 135:353717

FILE 'HCAPLUS' ENTERED AT 11:42:32 ON 04 DEC 2002
L3 1 S L2

L3 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2001:816897 HCAPLUS
DOCUMENT NUMBER: 135:353717
TITLE: Splice-region antisense oligonucleotide
composition and targeting the mRNA splicing
INVENTOR(S): Iversen, Patrick L.; Hudziak, Robert
PATENT ASSIGNEE(S): Avi Biopharma, Inc., USA
SOURCE: PCT Int. Appl., 53 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001083740	A2	20011108	WO 2001-US14410	20010504
W: AU, CA, JP, KR				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				

PRIORITY APPLN. INFO.: US 2000-202376P P 20000504
AB Antisense compns. targeted against an mRNA sequence for a selected protein, at a region having its 5' end from 1 to about 25 base pairs downstream of a normal splice acceptor junction in the preprocessed mRNA, are disclosed. The antisense compd. is Rnase-inactive, and is preferably a phosphorodiamidate-linked morpholino oligonucleotide. Such targeting is effective to inhibit natural mRNA splice processing, produce splice variant mRNAs, and inhibit normal expression of the protein.

IT 372134-28-6 372134-29-7
RL: ARG (Analytical reagent use); BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); ANST (Analytical study); BIOL (Biological study); PROC (Process); USES (Uses) (antisense oligonucleotide; splice-region antisense oligonucleotide compn. and targeting the mRNA splicing)

FILE 'HOME' ENTERED AT 11:42:55 ON 04 DEC 2002